

# INTERNATIONAL SEARCH REPORT

Application No  
PCT/DK2004/000116

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 C12Q1/68

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 C12Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, WPI Data, PAJ, MEDLINE

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02/103008 A (GOUILAEV ALEX HAAHR ; NOERREGAARD-MADSEN MADS (DK); SLOEK FRANK ABILGA) 27 December 2002 (2002-12-27) the whole document -----	1-21
P, X	WO 2004/013070 A (NUEVOLUTION AS ; PEDERSEN HENRIK (DK)) 12 February 2004 (2004-02-12) the whole document -----	1-21
X	WO 99/51773 A (PHYLOS INC) 14 October 1999 (1999-10-14) the whole document -----	1-5
P, X	WO 03/025567 A (BERNARD ANDRE ; DUEBEL STEFAN (DE)) 27 March 2003 (2003-03-27) column 1 - column 3; figures 1,2,5 ----- -/-	1-5

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

\* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

13 August 2004

Date of mailing of the international search report

23/08/2004

Name and mailing address of the ISA

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International Application No  
PCT/DK2004/000116

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No:
Y	GARTNER, Z.J. ET AL.: "Expanding the Reaction Scope of DNA-Templated Synthesis" ANGEWANDTE CHEMIE, INTERNATIONAL EDITION, vol. 41, no. 10, May 2002 (2002-05), pages 1796-1800, XP002284954 WEINHEIM, GERMANY the whole document -----	1-21
Y	GARTNER Z J ET AL: "Multistep small-molecule synthesis programmed by DNA templates" 4 September 2002 (2002-09-04), JOURNAL OF THE AMERICAN CHEMICAL SOCIETY, AMERICAN CHEMICAL SOCIETY, WASHINGTON, DC, US, PAGE(S) 10304-10306 , XP002265219 ISSN: 0002-7863 page 10306, column 1, paragraph 2 -----	1-21
Y	WO 02/074929 A (KANAN MATTHEW W; GARTNER ZEV J ; LIU DAVID R (US); HARVARD COLLEGE (US)) 26 September 2002 (2002-09-26) the whole document -----	1-21
Y	WO 00/23458 A (UNIV LELAND STANFORD JUNIOR) 27 April 2000 (2000-04-27) the whole document -----	1-21
Y	WALDER J A ET AL: "COMPLEMENTARY CARRIER PEPTIDE SYNTHESIS: GENERAL STRATEGY AND IMPLICATIONS FOR PREBIOTIC ORIGIN OF PEPTIDE SYNTHESIS" PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF USA, NATIONAL ACADEMY OF SCIENCE, WASHINGTON, US, vol. 76, no. 1, January 1979 (1979-01), pages 51-55, XP000857351 ISSN: 0027-8424 the whole document -----	1-21
Y	SUMMERER D ET AL: "DNA-TEMPLATED SYNTHESIS: MORE VERSATILE THAN EXPECTED" ANGEWANDTE CHEMIE. INTERNATIONAL EDITION, VERLAG CHEMIE. WEINHEIM, DE, vol. 41, no. 1, 4 January 2002 (2002-01-04), pages 89-90, XP001170352 ISSN: 0570-0833 the whole document -----	1-21
Y	WO 02/102820 A (ABILGAARD SLOEK FRANK ; HYLDTOFT LENE (DK); NUEVOLUTION AS (DK); PEDER) 27 December 2002 (2002-12-27) the whole document -----	1,3,5

# INTERNATIONAL SEARCH REPORT

national application No.  
PCT/DK2004/000116

## Box No. I Nucleotide and/or amino acid sequence(s) (Continuation of item 1.b of the first sheet)

1. With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, the international search was carried out on the basis of:
  - a. type of material
    - a sequence listing
    - table(s) related to the sequence listing
  - b. format of material
    - in written format
    - in computer readable form
  - c. time of filing/furnishing
    - contained in the International application as filed
    - filed together with the international application in computer readable form
    - furnished subsequently to this Authority for the purpose of search
2.  In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
3. Additional comments:

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/DK2004/000116

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
WO 02103008	A	27-12-2002	CA	2451524 A1		27-12-2002
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			WO	0023458 A1		27-04-2000
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			WO	02103008 A2		27-12-2002
			WO	02102820 A1		27-12-2002
			EP	1402024 A2		31-03-2004
			EP	1401850 A1		31-03-2004
			US	2003143561 A1		31-07-2003
			US	2004049008 A1		11-03-2004